02-25-05

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to res

TRANSMITTAL FORM

Total Number of Pages in This Submission

(to be used for all correspondence after initial filing)

| 3 | pond to a collection of information unless it displays a valid OMB control number | | | | |
|---|---|----------------------|--|--|--|
| i | Application Number | 09/724,965 | | | |
| | Filing Date | November 28, 2000 | | | |
| | First Named Inventor | Nils Lonberg 1632 | | | |
| | Art Unit | | | | |
| | Examiner Name | A. M. S. Wehbe | | | |
| | Attorney Docket Number | 04280/1201643-US5 | | | |

| ENCLOSURES (Check all that apply) | | | | | |
|--|----------------------|--|----------|---|--|
| Fee Transr | nittal Form | Drawing(s) | | After Allowance Communication to TC | |
| Fee A | Attached | Licensing-related Papers | | Appeal Communication to Board of Appeals and Interferences | |
| Amendmer | nt/Reply | Petition | | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) | |
| After | Final | Petition to Convert to a Provisional Application | | Proprietary Information | |
| Affida | avits/declaration(s) | Power of Attorney, Revocation Change of Correspondence A | | Status Letter | |
| Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) | | Terminal Disclaimer | | X Other Enclosure(s) (please Identify below): | |
| | | Request for Refund | | Supplemental Response (1 page) Substitute Specification (clean) (238 pages) | |
| | | CD, Number of CD(s) | | | |
| | | Landscape Table on 6 | CD | | |
| Reply to Missing Parts/ Incomplete Application | | Remarks | | | |
| Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | | | | |
| | | | | | |
| | | | | | |
| | SIGNATI | JRE OF APPLICANT, ATTOR | NEY, OR | AGENT | |
| Firm Name | DARBY & DARBY P.C. | | | | |
| Signature | Jeppen Chr | | | | |
| Printed name | Jeffrey d. Pepe | <i></i> | | | |
| Date | February 23, 2005 | | Reg. No. | 46,985 | |



Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV625705577US in an envelope addressed to:

> Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

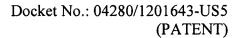
| on | February 23, 2005 Date |
|----|--|
| | Ango. |
| | Signature UNDA PONNEWi |
| | T - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 0 - 05 - 1 |

Typed or printed name of person signing Certificate

Each paper must have its own certificate of mailing, or this certificate must identify Note: each submitted paper.

Transmittal (1 page)

Supplemental Response Substitute Specification (clean) (238 pages)



Confirmation No.: 9526

Examiner: A. M. S. Wehbe



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Nils Lonberg et al.

Application No.: 09/724,965

Filed: November 28, 2000 Art Unit: 1632

For: TRANSGENIC NON-HUMAN ANIMALS FOR

PRODUCING HETEROLOGOUS

ANTIBODIES

SUPPLEMENTAL RESPONSE

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Commissioner:

Further to our response to the Office Action dated December 20, 2004, which was timely filed on February 22, 2005, it has come to our attention that the "clean" substitute specification submitted with the response included red-line markings. Accordingly, enclosed is a clean substitute specification without the indicated red-line markings that should be entered into the record in place of the substitute specification filed on February 22, 2005, and is otherwise unchanged. In addition, the substitute specification with markings showing all amendments made to the originally filed specification submitted on February 22, 2005 remains consistent with the currently filed clean substitute specification. The substitute specification as provided includes no new matter.

Applicants believe that all formal matters have been attended to and, therefore, the pending application is in condition for allowance.

2

Dated: February 23, 2005

Respectfully submitted,

Jeffrey C. Pepe

Registration No.: 46,985 DARBY & DARBY P.C.

P.O. Box 5257

New York, New York 10150-5257

(206) 262-8900

(212) 527-7701 (Fax)

Attorneys/Agents For Applicant

Enclosure: Substitute Specification (clean)